*** File Copy Only: Do Not Submit Paper Form to EPA ***

Form Status: Certified and Sent to USEPA Validation Status: Passed with Possible Errors 1 2 3 4 5 Additional Info (IMPORTANT: Type or print; read instructions before completing form) Form Approved OMB Number: 2070-0093 Approval Expires: 01/31/2008 Page 1 of 5 TRI Facility ID Number **EPA** FORM R 98134LSKNC32006 United States Section 313 of the Emergency Planning and Community Right-to-know Act Environmental of 1986. Toxic Chemical, Category or Generic Name Protection also known as Title III of the Superfund Amendments and Reauthorization Agency Chromium Compounds (except for chromite ore mined in the Transvaal Reg 1. TRI Data Processing Center WHERE TO SEND P.O. Box 10163 2. APPROPRIATE STATE OFFICE COMPLETED FORMS: Fairfax, VA 22038 (See instructions in Appendix F) *** File Copy Only: Do Not Submit Paper Form to EPA *** This section only applies if you are revising or Revision (enter up to two code(s)) Withdrawal (enter up to two code(s)) withdrawing a previously submitted form, otherwise leave blank: [][] Important: See Instructions to determine when "Not Applicable (NA)" boxes should be checked. Part I. FACILITY IDENTIFICATION INFORMATION SECTION 1. REPORTING YEAR: 2006 SECTION 2. TRADE SECRET INFORMATION 2.1 Are you claiming the toxic chemical identified on page 2 2.2 Is this copy trade secret? [] Sanitized[] [] Yes (Answer question 2.2; Attach substantiation Unsanitized forms) (Answer only if "YES" [X] NO (Do not answer 2.2; Go to Section 3) in 2.1) SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.) I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report. Name and official title of owner/operator or senior management official: Signature: Date Signed: File Copy Only: Do Not Submit Paper Form to EPA File Copy Only: Do Not Submit Paper Form to EPA XX/XX/XXXX SECTION 4. FACILITY IDENTIFICATION 4.1 TRI Facility ID Number 98134LSKNC32006 Facility or Establishment Name Facility or Establishment Name or Mailing Address(if different from street address) ALASKAN COPPER WORKS ALASKAN COPPER WORKS Street Mailing Address 3200 6TH AVE S PO BOX 3546 City/County/State/Zip Code City/State/Zip Code Country (Non-US) SEATTLE / King / WA / 98134 SEATTLE /WA / 98124 This report contains information for: a. [X] An Entire facility b. [] Part of a facility c. [] A Federal facility d.[]GOCO Important: check a or b; check c or d if applicable) Email Address Telephone Number (include area code) 4.3 Technical Contact name JAMES BROWN (b) (6) 2066235800 Telephone Number (include area code) 4.4 Public Contact name JAMES BROWN 2066235800 a. 332996 4.5 NAICS Code(s) (6 digits) b. d. (Primary) Dun and Bradstreet 4.6 Number(s) (9 digits) a. 009255571 ъ.

NA[]

NA[]

5.2 Parent Company's Dun & Bradstreet Number

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SECTION 5. PARENT COMPANY INFORMATION

Name of Parent Company

009255571
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EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

| SECTIO | ION 1. TOXIC CHEMICAL IDENTITY (Important DO NOT complete this section if you completed Section 2 below.) | | | | | | | | | | | |
|---|---|----------------|------------------|-----------------------|----------------|---------------|-----------------|-------------|---------|----|--|--|
| , , | CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.) | | | | | | | | | | | |
| 1.1 | N090 | | | | | | | | | | | |
| Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list. | | | | | | | .) | | | | | |
| 1.2 | | Chromium | Compounds (exc | cept for chromite ore | mined in th | e Transvaal 1 | Reg | | | | | |
| 1.3 | Generic Chemical Name (Important: Complete only if Part I, Section 2.1 is checked "yes". Generic Name must be structurally descriptive). | | | | | | | | | | | |
| 1.5 | NA NA | | | | | | | | | | | |
| 1.4 | Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.) | | | | | | | | | | | |
| | 1 2 3 4 5 | 6 7 | 8 9 | 10 11 | 12 | 13 | 14 | 15 | 16 | 17 | | |
| NA[] | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| SECTIO | N 2. MIXTURE COMPONENT IDENTIT | | | | | | · | | | | | |
| 2.1 | Generic Chemical Nam | ne Provided by | Supplier (Import | tant: Maximum of 70 | characters, ir | icluding numb | ers, spaces, | and punctua | ition.) | | | |
| | NA | | | | | | | | | | | |
| SECTIO (Importa | ECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (important; Check all that apply.) | | | | | | | | | | | |
| 3.1 | Manufacture the toxic chemical: 3.2 Process the toxic chemical: 3.3 Otherwise use the toxic chemical: | | | | | | | | | | | |
| | a. [] Produce b. [] Import | | | | | | | | | | | |
| | If produce or import: a. [] As a reactant c. [] For on-site use/processing b. [] As a formulation component a. [] As a chemical processing aid | | | | | | | | | | | |
| d. [] For sale/distribution c. [X] As an article component b. [] As a manufacturing aid e. [] As a byproduct d. [] Repackaging c. [] Ancillary or other use | | | | | | | | | | | | |
| | f. [] As an impurity e. [] As an impurity | | | | | | | | | | | |
| SECTIO | SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR | | | | | | | | | | | |
| [05] (Enter two-digit code from instruction package.) | | | | | | | | | | | | |
| SECTIO | ON 5.QUANTITY OF THE TOXIC CHEMI | ICAL ENTER | ING EACH ENV | TRONMENTAL MEI | DIUM ONSI | TE | 71.1 | | | | | |
| | A. Total Release (pounds/year*) (Enter range code or estimate**) B. Basis of Estimate (enter code) C. % From Stormwater | | | | | | | ıwater | | | | |
| 5.1 | Fugitive or non-point air emissions | NA [] | В | | | O | | | | | | |
| 5.2 | Stack or point air emissions | NA [] | A | | o | | | | | | | |
| 5.2 | Discharges to receiving streams or | | | | | | | | | | | |

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NA

water bodies (enter one name per box) Stream or Water Body Name

5.3

5.3.1

*For Dioxin and Dioxin-like Compounds, report in grams/year **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

| SECTIO | SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued) | | | | | | | | | |
|---|--|-------|---------------------------|--------------------------------|------|-----------------------------------|-------|--|--|--|
| | | NA | A. Total Release (pounds/ | nter range code** or estimate) | | B. Basis of Estimate (enter code) | | | | |
| 5.4.1 | Underground Injection onsite to Class I wells | [X] | | | | | | | | |
| 5.4.2 | Underground Injection onsite to Class II-V wells | [X] | | | | | | | | |
| 5.5 | Disposal to land onsite | ite | | | | | | | | |
| 5.5.1.A | RCRA subtitle C landfills | [X] | | | | | | | | |
| 5.5.1.B | Other landfills | [X] | | | | | | | | |
| 5.5.2 Land treatment/application [X] | | | | | | | | | | |
| 5.5.3A RCRA Subtitle C [X] | | | | | | | | | | |
| 5.5.3B | Other surface impoundments [X] | | | | | | | | | |
| 5.5.4 | 5.5.4 Other disposal [X] | | | | | | | | | |
| SECTIO | SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS | | | | | | | | | |
| | 6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs) | | | | | | | | | |
| 6.1.A To | 5.1.A Total Quantity Transferred to POTWs and Basis of Estimate | | | | | | | | | |
| | 6.1.A.1 Total Transfers (pounds/year*) 6.1.A.2 Basis of Estimate (enter range code** or estimate) (enter code) | | | | | | | | | |
| А | | | | | М | | | | | |
| 6.1. 1 WEST POINT TREATMENT PLANT POTW Name | | | | | | | | | | |
| | POTW Address 1400 UTAH AVE | | | | | | | | | |
| City | SEATTLE | State | WA | County | King | Zip | 98199 | | | |

*For Dioxin and Dioxin-like Compounds, report in grams/year **Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

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EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

| SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS | | | | | | | | | | | |
|---|---|--|--------------|--------|---------------|--|--|--------------------------------|------------------|----------|--|
| 6.2.1 Off-Site EPA Identification Number (RCRA ID No.) | | | | | | | WAD991281767 | | | | |
| Off-Site Location Name | | | | | | BURLINGTON ENVIRONMENTAL INC | | | | | |
| Off-Site Address | | | | | | 20245 77TH AVENUE SOUTH | | | | | |
| City KENT State WA County Ki | | | | | ng | Zip | 980321362 | Country (Non-US) | | | |
| Is location under control of reporting facility or parent company? | | | | | | | | [] Yes [X] No | | | |
| | A. Total Tra (enter range | unsfers (pounds/ye e code** or estima | ar*) ate) | | | s of Estimate ter code) | C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) | | | | |
| | 1 | . B | | | 1 | . C | | | 1 . M41 | | |
| | 2 | 2 . B | | | 2 | . C | | | 2 . M62 | | |
| | 6.2.2 C | Off-Site EPA Ident | tification | Number | (RCRA ID No.) | | | | ORD981766124 | | |
| | | Off-Site I | ocation l | Name | | | | SAFETY | /-KLEEN SYSTEMS | (714801) | |
| | | Off-Si | te Addre | SS | | | | 16540 S | OUTHEAST 130TH S | TREET | |
| City | CLACK | AMAS | State | OR | County | Clack | amas | Zip 970158944 Country (Non-US) | | | |
| Is location under control of reporting facility or parent company? | | | | | |] No | | | | | |
| | A. Total Transfers (pounds/year*) (enter range code** or estimate) B. Basis of Estimate C. Type of Waste Treatment/Disposal/ (enter code) Recycling/Energy Recovery (enter code) | | | | | Disposal/ inter code) | | | | | |
| 1.A 1.O | | | | | | . О | 1 . M26 | | | | |
| 6.2.3 Off-Site EPA Identification Number (RCRA ID No.) | | | | | | | AZD980735500 | | | | |
| Off-Site Location Name | | | | | | | WORLD RESOURCES CO | | | | |
| Off-Site Address | | | | | | | 8113 WEST SHERMAN STREET | | | | |
| City | TOLL | ESON | State | AZ | County | Mari | aricopa Zip 853533300 Country (Non-US) | | | | |
| Is location under control of reporting facility or parent company? [] Yes [X] No | | | | | | |] No | | | | |
| A. Total Transfers (pounds/year*) (enter range code** or estimate) B. Basis of Estimate (enter code) | | | | | | | C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code) | | | | |
| 1 . 440 6 1 . C | | | | | | 1 . M24 | | | | | |
| | SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY | | | | | | | | | | |
| | [X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category. | | | | | | | nical category. | | | |
| a. General Waste Stream (enter code) b. Waste Treatment Method(s) Sequence [enter 3-character code(s)] | | | | | | d. Waste Treatment Efficiency Estimate | | | | | |

*For Dioxin and Dioxin-like Compounds, report in grams/year

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^{**}Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

SECTION 7C. ON-SITE RECYCLING PROCESSES

[X] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste

stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

| SECTIO | N 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES | | | | | | | |
|---------|--|-----------------------------------|------------------------|--|--|---|--|--|
| | | Column Prior Yea (pounds/ye | ar | Column B Current Reporting Ye (pounds/year*) | Column C Following Year (pounds/year*) | Column D Second Following Year (pounds/year*) | | |
| 8.1 | | | | | | | | |
| 8.1a | Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | NA | | NA | NA | NA | | |
| | Total other on-site disposal or other releases | NA | | 255 | 255 | 255 | | |
| 8.1c | Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills | NA | | 0 | 0 | 0 | | |
| | Total other off-site disposal or other releases | NA | | 505 | 5 | 5 | | |
| | Quantity used for energy recovery onsite | NA | | NA | NA | NA | | |
| | Quantity used for energy recovery offsite | NA | | NA | NA | NA | | |
| 8.4 | Quantity recycled onsite | NA | | NA | NA | NA | | |
| 8.5 | Quantity recycled offsite | NA | | 4411 | 4781 | 2406 | | |
| 8.6 | Quantity treated onsite | NA | | NA | NA | NA | | |
| 8.7 | Quantity treated offsite | NA | | NA | NA | NA | | |
| | Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production p | | NA | | | | | |
| 8.9 | | | | | | | | |
| 8.10 | Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11. | | | | | | | |
| | Source Reduction Activities [enter code(s)] | Methods to Id | entify Activity (enter | codes) | | | | |
| 8.10. 1 | W19 | | Т | 01 | Т03 | T04 | | |
| 8.10. 2 | W29 | | Т | 01 | Т03 | T04 | | |
| 8.10. 3 | W39 | | T01 | | T03 | T04 | | |
| 8.11 | If you wish to submit additional optional information on source reductions the check "Yes." | ntrol activities, | Ye | s[] | | | | |

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*For Dioxin and Dioxin-like Compounds, report in grams/year

| 1 2 3 4 5 Additional Info |
|--|
| TRI Facility ID Number |
| 98134LSKNC32006 |
| Toxic Chemical, Category or Generic Name |
| Chromium Compounds (except for chromite ore mined in the Transvaal Reg |

| Additional optional information on source reduction, recycling, or pollution control activities. |
|--|
| |